

CLAIMS:

1. A projection system (10) for projecting an image onto a screen (16), the system comprising a main video projector (14) arranged to project a main image onto the screen (16), characterized in that the system (10) further comprises a contrast correction projector (12) arranged to project a contrast correction image onto the screen (16) to compensate for contrast inhomogeneities in the image projected by the main video projector (14).
2. A projection system as claimed in claim 1, wherein the contrast correction projector (12) has a brightness output that is less than 10 percent of the brightness output of the main projector (14).
3. A projection system as claimed in claim 1, wherein the contrast correction projector (12) is arranged to project a stable image onto the screen (16).
4. A projection system as claimed in claim 1, wherein the contrast correction projector (12) is arranged to use stray light from the main projector (14) as its light source.
5. A projection system as claimed in claim 1, wherein the contrast correction projector (12) comprises light emitting diodes as its light source.
6. A projection system as claimed in claim 1, wherein the system (10) is a rear projection system.